JUN 0 2 2006 w

PTO/SB/64 (10-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Inder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

ETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b)

Docket Number (Optional) 98086PCTUS

First named inventor: Application No.: 09/762,555							
Filed: April 10, 2001 Examiner: C. A. LaForgia DETERMINISTICALLY GENERATING BLOCK SUBSTITUTION TABLES WHICH MEET A GIVEN STANDARD OF NONLINEARITY Attention: Office of Petitions Mail Stop Petition Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 FAX (571) 273-8300 NOTE: If information or assistance is needed in completing this form, please contact Petitions Information at (571) 272-3262. The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the office notice or action plus an extensions of time actually obtained. APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION NOTE: A grantable petition requires the following items: (1) Petition fee: (2) Reply and/or issue fee; (3) Terminal disclaimer with disclaimer fee - required for all utility and plant applications filed before June 8, 1995; and for all design applications; and (4) Statement that the entire delay was unintentional. 1.Petition fee Small entity-fee \$	First named invent	or: L. Mi	tenthal				
Attention: Office of Petitions Mail Stop Petition Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 FAX (571) 273-8300 NOTE: If information or assistance is needed in completing this form, please contact Petitions Information at (571) 272-3282. The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the office notice or action plus an extensions of time actually obtained. APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION NOTE: A grantable petition requires the following items: (1) Petition fee; (2) Reply and/or issue fee; (3) Terminal disclaimer with disclaimer fee - required for all utility and plant applications filed before June 8, 1995; and for all design applications; and (4) Statement that the entire delay was unintentional. 1. Petition fee Small entity-fee \$ (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27. X Other than small entity – fee \$ (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27. X Other than small entity – fee \$ (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27. X Other than small entity – fee \$ (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27. X Other than small entity – fee \$ (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27. X Other than small entity – fee \$ (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27. X Other than small entity – fee \$ (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27. X other than small entity – fee \$ (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27. X other than small entity – fee of the above-noted Office action in the form of an Appeal Brief accompanied by the fe(identify type of reply): I see set fort	Application No.:	09/762,5	55		Art Unit: 2131	·	
Attention: Office of Petitions Mail Stop Petition Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 FAX (571) 273-8300 NOTE: If information or assistance is needed in completing this form, please contact Petitions Information at (571) 272-3282. The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the office notice or action plus an extensions of time actually obtained. APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION NOTE: A grantable petition requires the following items: (1) Petition fee; (2) Reply and/or issue fee; (3) Terminal disclaimer with disclaimer fee - required for all utility and plant applications filed before June 8, 1995; and for all design applications; and (4) Statement that the entire delay was unintentional. 1. Petition fee Small entity-fee \$ (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27. \[\begin{array}{c} \text{X} \text{Other than small entity} - fee \text{ 1,500.00} (37 CFR 1.17(m)) \end{array}. Applead the fee of the above-noted Office action in the form of an Appeal Brief accompanied by the fee identify type of reply): \[\begin{array}{c} \text{A} \text{The reply and/or fee to the above-noted Office action in the form of an Appeal Brief accompanied by the fee identify type of reply): \[\begin{array}{c} \text{A} \text{The reply and/or fee to the above-noted Office action in the form of an Appeal Brief accompanied by the fee identify type of reply): \[\begin{array}{c} The issue fee and publication fee (if applicable) of \$	Filed:	April 10	, 2001		Examiner: C. A	A. LaForgia	
Mail Stop Petition Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 FAX (571) 273-8300 NOTE: If information or assistance is needed in completing this form, please contact Petitions Information at (571) 272-3282. The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the office notice or action plus an extensions of time actually obtained. APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION NOTE: A grantable petition requires the following items: (1) Petition fee; (2) Reply and/or issue fee; (3) Terminal disclaimer with disclaimer fee - required for all utility and plant applications filed before June 8, 1995; and for all design applications; and (4) Statement that the entire delay was unintentional. 1. Petition fee Small entity-fee \$(37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27. X Other than small entity – fee \$(37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27. Reply and/or fee A. The reply and/or fee to the above-noted Office action in the form of an Appeal Brief accompanied by the £c(identify type of reply): fee set forth in 41.20(b)(2) has been filed previously on is enclosed herewith. B. The issue fee and publication fee (if applicable) of \$ has been paid previously on	i ilie.			BLOCK SUBSTIT	TUTION TABLES	WHICH MEET A GIVEN	
Information at (571) 272-3282. The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the office notice or action plus an extensions of time actually obtained. APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION NOTE: A grantable petition requires the following items: (1) Petition fee; (2) Reply and/or issue fee; (3) Terminal disclaimer with disclaimer fee - required for all utility and plant applications filed before June 8, 1995; and for all design applications; and (4) Statement that the entire delay was unintentional. 1.Petition fee Small entity-fee \$	Mail Stop Petition Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450						
action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the office notice or action plus an extensions of time actually obtained. APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION NOTE: A grantable petition requires the following items: (1) Petition fee; (2) Reply and/or issue fee; (3) Terminal disclaimer with disclaimer fee - required for all utility and plant applications filed before June 8, 1995; and for all design applications; and (4) Statement that the entire delay was unintentional. 1.Petition fee Small entity-fee \$	NOTE				eting this form, ple	ease contact Petitions	
NOTE: A grantable petition requires the following items: (1) Petition fee; (2) Reply and/or issue fee; (3) Terminal disclaimer with disclaimer fee - required for all utility and plant applications filed before June 8, 1995; and for all design applications; and (4) Statement that the entire delay was unintentional. 1.Petition fee Small entity-fee \$ (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27. X Other than small entity – fee \$ (37 CFR 1.17(m)) 2. Reply and/or fee A. The reply and/or fee to the above-noted Office action in the form of an Appeal Brief accompanied by the fe(identify type of reply): fee set forth in 41.20(b)(2) has been filed previously on is enclosed herewith. B. The issue fee and publication fee (if applicable) of \$	action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration						
(1) Petition fee; (2) Reply and/or issue fee; (3) Terminal disclaimer with disclaimer fee - required for all utility and plant applications filed before June 8, 1995; and for all design applications; and (4) Statement that the entire delay was unintentional. 1.Petition fee Small entity-fee \$ (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27. X Other than small entity – fee \$ (37 CFR 1.17(m)) 2. Reply and/or fee A. The reply and/or fee to the above-noted Office action in the form of an Appeal Brief accompanied by the fe(identify type of reply): fee set forth in 41.20(b)(2) has been filed previously on is enclosed herewith. B. The issue fee and publication fee (if applicable) of \$		APPLICANT	HEREBY PETIT	IONS FOR REVIV	AL OF THIS APPL	ICATION	
Small entity-fee \$ (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27. X Other than small entity – fee \$ 1,500.00 (37 CFR 1.17(m)) 2. Reply and/or fee A. The reply and/or fee to the above-noted Office action in the form of an Appeal Brief accompanied by the fe(identify type of reply): fee set forth in 41.20(b)(2) has been filed previously on X is enclosed herewith. B. The issue fee and publication fee (if applicable) of \$ has been paid previously on	NOTE	(1) Petition(2) Reply a(3) Termina filed be	fee; nd/or issue fee; al disclaimer with fore June 8, 1995	disclaimer fee - rec 5; and for all design	quired for all utility applications; and	and plant applications	
2. Reply and/or fee A. The reply and/or fee to the above-noted Office action in the form of an Appeal Brief accompanied by the fe(identify type of reply): fee set forth in 41.20(b)(2) has been filed previously on x is enclosed herewith. B. The issue fee and publication fee (if applicable) of \$ has been paid previously on	1.Petition fee S (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27.						
A. The reply and/or fee to the above-noted Office action in the form of an Appeal Brief accompanied by the fe(identify type of reply): fee set forth in 41.20(b)(2) has been filed previously on is enclosed herewith. B. The issue fee and publication fee (if applicable) of \$ has been paid previously on	X Other than	small entity -	- fee \$.00 (37 CFR 1.17	(m))		
has been paid previously on	A. The rother for	eply and/or fe orm of <u>an A</u> fee has been fil	ppeal Brief set forth in ed previously on	accompanied by 41.20(b)(2)	the fe(identify	type of reply):	
[Page 1 of 2]		has been pa	id previously on				

[Page 1 of 2]
This collection of information is required by 37 CFR 1.137(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

06/06/2006 RFEKADU1 00000084 09762555

PTO/SB/64 (10-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

3. Terminal disclaimer with disclaimer fee							
X Since this utility/plant application was filed of	on or after June 8, 1995, no terminal disclaimer is required.						
A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$ for a small entity or \$ for other than a small entity) disclaiming the required period of time is enclosed herewith (see							
PTO/SB/63). 4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. [NOTE: The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (D)).]							
WARNING: Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.							
MAHA SWAIA	June 2, 2006						
& ignature	Date						
Christopher G. Wolfe	56,264						
Typed or printed name	Registration Number, if applicable						
Kirkpatrick & Lockhart Nichols	ongGraham LLP (412) 355-6798						
Henry W. Oliver Building, 535 Smithfield Street Pittsburgh, PA 15222-2312 Telephone Number							
Address Enclosures: x Fee Payment							
x Reply with Appeal Brief Fee							
Terminal Disclaimer Form							
Additional sheets containing statements establishing unintentional delay							
Other:							
CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)] I hereby certify that this correspondence is being: Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450. Transmitted by facsimile on the date shown below to the United States Patent and Trademark Office as (571) 273-8300.							
Date Signature							
	Typed or printed name of person signing certificate						
	· ,,						